RIFLE DATA BOOK

RIFLE MARKSMANSHIP DATABOOK

SERVICE RIFLE/CARBINE

RANK/NAME		SSN
ORGANIZATION		BLOOD TYPE
WPN SERIAL NO.		
DETAIL NO.	RANGE	DATE

WPN NO./TYPE		
BZO		
FRONT ELEV	REAR ELEV	WIND
	8/3 6/3	

NAVMC 42 (Rev. 7-05) (Previous editions are obsolete)

SN: 0000-00-000-XXXX U/I: PG OF 100BX

DAY 1 TABLE 1

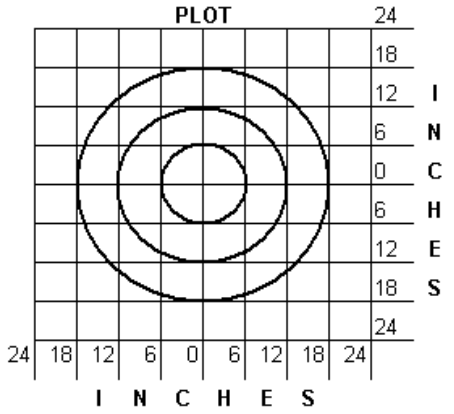
BEFORE FIRING — 200 - YARD TRI-FIRE — SITTING

TRUE ZERO			plus	WIND		=	ZERO		
FRONT ELEVATION	REAR ELEVATION	WIND		DIRECTION	SPEED		FRONT ELEVATION	REAR ELEVATION	WIND
0 ↑	M16A2 8/3+ ____ 8/3- 2	0 R		1/2 1/2 Full Full 1/2 1/2			____ ↑	M16A2 8/3+ ____ 8/3-	____ R
____ ↓	M16A4/M4 6/3+ ____ 6/3- ____	____ L					____ ↓	M16A4/M4 6/3+ ____ 6/3- ____	____ L

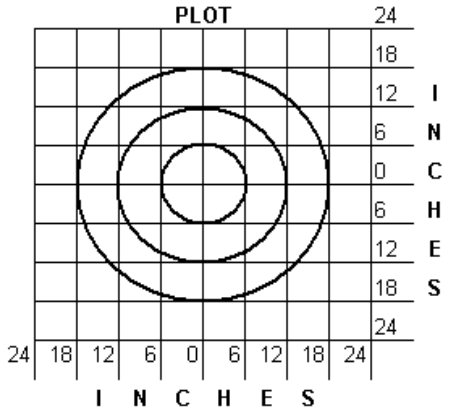
	VALUE	5 MPH	10 MPH	15 MPH	20 MPH
SERVICE RIFLE	FULL	2	3	5	6
	HALF	1	1	2	3
CARBINE	FULL	2	4	7	9
	HALF	1	2	4	5

DURING FIRING

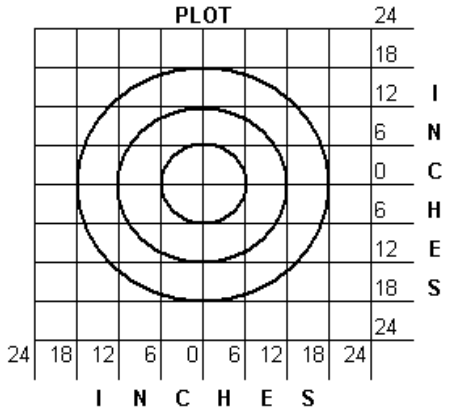
1ST STRING



2ND STRING



3RD STRING



SIGHT SETTINGS FOR SECOND STRING

FRONT SIGHT ELEV	WIND
____ ↑	____ R
____ ↓	____ L

SIGHT SETTINGS FOR THIRD STRING

FRONT SIGHT ELEV	WIND
____ ↑	____ R
____ ↓	____ L

AFTER FIRING

ZERO			without	WIND		=	TRUE ZERO		
FRONT ELEVATION	REAR ELEVATION	WIND		DIRECTION	SPEED		FRONT ELEVATION	REAR ELEVATION	WIND
____ ↑	M16A2 8/3+ ____ 8/3- ____	____ R		1/2 1/2 Full Full 1/2 1/2			____ ↑	M16A2 8/3+ ____ 8/3- ____	____ R
____ ↓	M16A4/M4 6/3+ ____ 6/3- ____	____ L					____ ↓	M16A4/M4 6/3+ ____ 6/3- ____	____ L

	VALUE	5 MPH	10 MPH	15 MPH	20 MPH
SERVICE RIFLE	FULL	2	3	5	6
	HALF	1	1	2	3
CARBINE	FULL	2	4	7	9
	HALF	1	2	4	5

******WINDAGE AND ELEVATION ADJUSTMENTS AT 200 yds: CLICK = 1"**

REAR SIGHT ELEVATION: M16A2 - 1 CLICK = 2"; M16A4/M4 - 1 CLICK = 1"

WINDAGE: 1

FRONT SIGHT ELEVATION: M16A2/A4 - 1 CLICK= 2 1/2"; M4 - 1 CLICK = 2 3/4"

DAY 1 TABLE 1

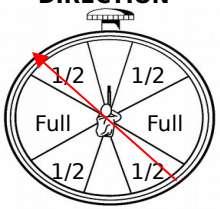
BEFORE FIRING — 200 - YARD TRI-FIRE — SITTING

TRUE ZERO FRONT ELEVATION	TRUE ZERO REAR ELEVATION	TRUE ZERO WIND
0 ↑	M16A2 8/3+ ____ 8/3- 2	0 R
____ ↓	M16A4/M4 6/3+ ____ 6/3- ____	____ L

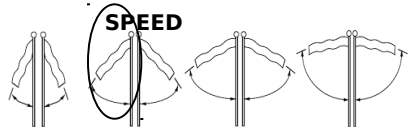
plus

WIND

DIRECTION



SPEED



	VALUE	5 MPH	10 MPH	15 MPH	20 MPH
SERVICE RIFLE	FULL	2	3	5	6
	HALF	1	1	2	3
CARBINE	FULL	2	4	7	9
	HALF	1	2	4	5

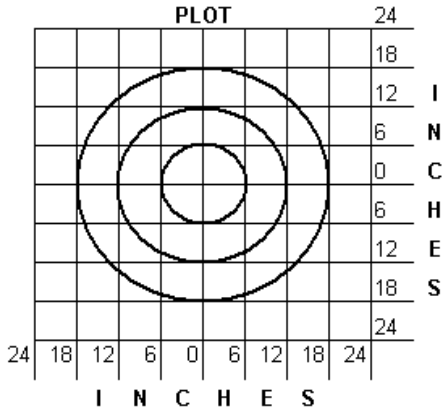
=

ZERO

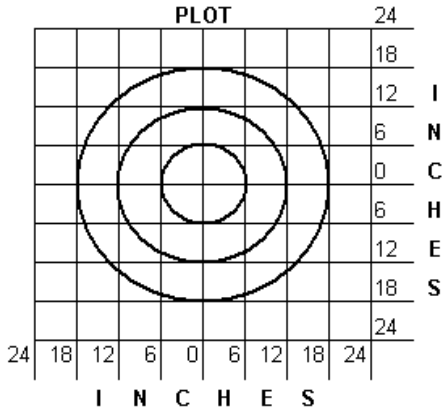
ZERO FRONT ELEVATION	ZERO REAR ELEVATION	ZERO WIND
____ ↑	M16A2 8/3+____ 8/3- ____	____ R
____ ↓	M16A4/M4 6/3+ ____ 6/3- ____	____ L

DURING FIRING

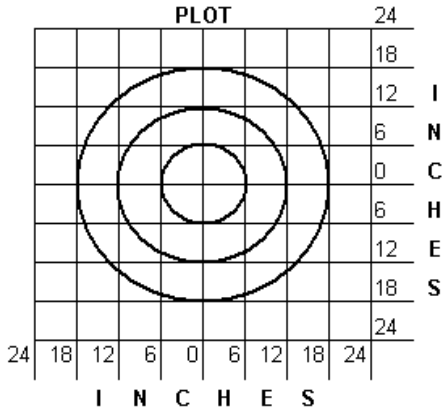
1ST STRING



2ND STRING



3RD STRING



SIGHT SETTINGS FOR SECOND STRING

FRONT SIGHT ELEV	WIND
____ ↑	____ R
____ ↓	____ L

SIGHT SETTINGS FOR THIRD STRING

FRONT SIGHT ELEV	WIND
____ ↑	____ R
____ ↓	____ L

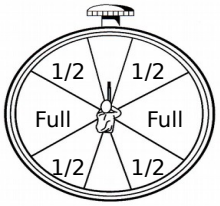
AFTER FIRING

ZERO FRONT ELEVATION	ZERO REAR ELEVATION	ZERO WIND
____ ↑	M16A2 8/3+____ 8/3- ____	____ R
____ ↓	M16A4/M4 6/3+ ____ 6/3- ____	____ L

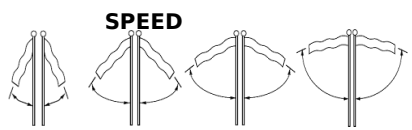
without

WIND

DIRECTION



SPEED



	VALUE	5 MPH	10 MPH	15 MPH	20 MPH
SERVICE RIFLE	FULL	2	3	5	6
	HALF	1	1	2	3
CARBINE	FULL	2	4	7	9
	HALF	1	2	4	5

=

TRUE ZERO

TRUE ZERO FRONT ELEVATION	TRUE ZERO REAR ELEVATION	TRUE ZERO WIND
____ ↑	M16A2 8/3+____ 8/3- ____	____ R
____ ↓	M16A4/M4 6/3+ ____ 6/3- ____	____ L

******WINDAGE AND ELEVATION ADJUSTMENTS AT 200 yds:**
CLICK = 1”

REAR SIGHT ELEVATION: M16A2 - 1 CLICK = 2”; M16A4/M4 - 1 CLICK = 1”

FRONT SIGHT ELEVATION: M16A2/A4 - 1 CLICK= 2 1/2”; M4 - 1 CLICK = 2 3/4”

WINDAGE: 1

DAY 1 TABLE 1

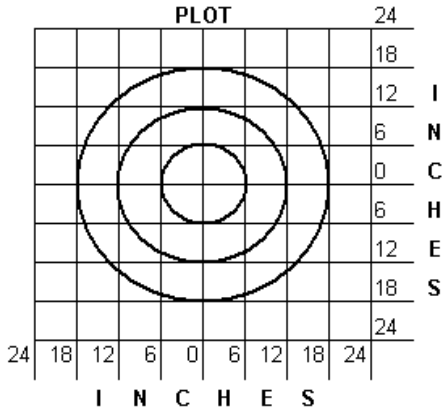
BEFORE FIRING — 200 - YARD TRI-FIRE — SITTING

TRUE ZERO			plus	WIND		=	ZERO		
FRONT ELEVATION	REAR ELEVATION	WIND		DIRECTION	SPEED		FRONT ELEVATION	REAR ELEVATION	WIND
0 ↑	M16A2 8/3+ ____ 8/3- 2	0 R		1/2 1/2 Full Full 1/2 1/2			0 ↑	M16A2 8/3+ ____ 8/3- 2	1 R
____ ↓	M16A4/M4 6/3+ ____ 6/3- ____	____ L					____ ↓	M16A4/M4 6/3+ ____ 6/3- ____	____ L

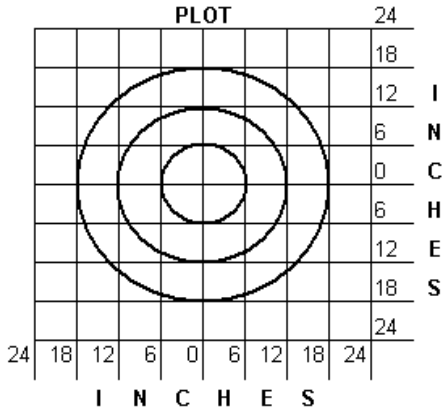
	VALUE	5 MPH	10 MPH	15 MPH	20 MPH
SERVICE RIFLE	FULL	2	3	5	6
	HALF	1	1	2	3
CARBINE	FULL	2	4	7	9
	HALF	1	2	4	5

DURING FIRING

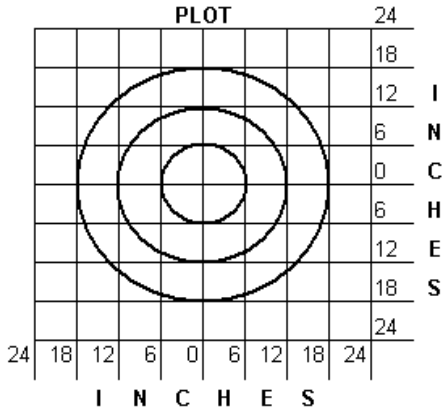
1ST STRING



2ND STRING



3RD STRING



SIGHT SETTINGS FOR SECOND STRING

FRONT SIGHT ELEV	WIND
____ ↑	____ R
____ ↓	____ L

SIGHT SETTINGS FOR THIRD STRING

FRONT SIGHT ELEV	WIND
____ ↑	____ R
____ ↓	____ L

AFTER FIRING

ZERO			without	WIND		=	TRUE ZERO		
FRONT ELEVATION	REAR ELEVATION	WIND		DIRECTION	SPEED		FRONT ELEVATION	REAR ELEVATION	WIND
____ ↑	M16A2 8/3+____ 8/3- ____	____ R		1/2 1/2 Full Full 1/2 1/2			____ ↑	M16A2 8/3+____ 8/3- ____	____ R
____ ↓	M16A4/M4 6/3+ ____ 6/3- ____	____ L					____ ↓	M16A4/M4 6/3+ ____ 6/3- ____	____ L

	VALUE	5 MPH	10 MPH	15 MPH	20 MPH
SERVICE RIFLE	FULL	2	3	5	6
	HALF	1	1	2	3
CARBINE	FULL	2	4	7	9
	HALF	1	2	4	5

******WINDAGE AND ELEVATION ADJUSTMENTS AT 200 yds: CLICK = 1”**

REAR SIGHT ELEVATION: M16A2 - 1 CLICK = 2”; M16A4/M4 - 1 CLICK = 1”

FRONT SIGHT ELEVATION: M16A2/A4 - 1 CLICK= 2 1/2”; M4 - 1 CLICK = 2 3/4”

WINDAGE: 1

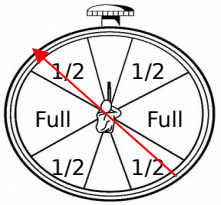
DAY 1 TABLE 1

BEFORE FIRING — 200 - YARD TRI-FIRE — SITTING

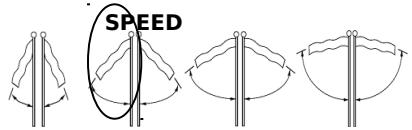
TRUE ZERO plus WIND = ZERO

FRONT ELEVATION	REAR ELEVATION	WIND
0 ↑	M16A2	0 R
	8/3+ ____	
	8/3- 2	
____ ↓	M16A4/M4	____ L
	6/3+ ____	
	6/3- ____	

DIRECTION



SPEED

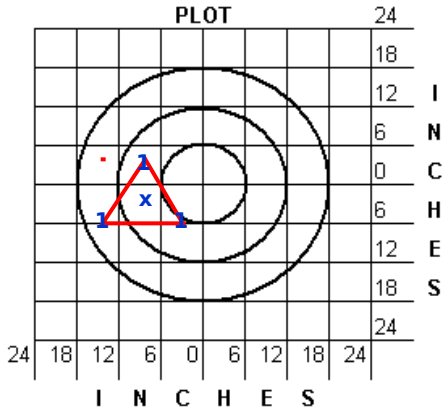


	VALUE	5 MPH	10 MPH	15 MPH	20 MPH
SERVICE RIFLE	FULL	2	3	5	6
	HALF	1	1	2	3
CARBINE	FULL	2	4	7	9
	HALF	1	2	4	5

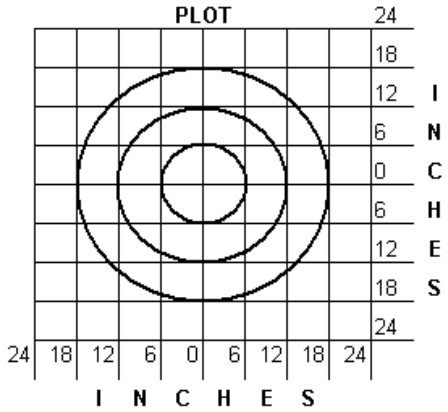
FRONT ELEVATION	REAR ELEVATION	WIND
0 ↑	M16A2	1 R
	8/3+ ____	
	8/3- 2	
____ ↓	M16A4/M4	____ L
	6/3+ ____	
	6/3- ____	

DURING FIRING

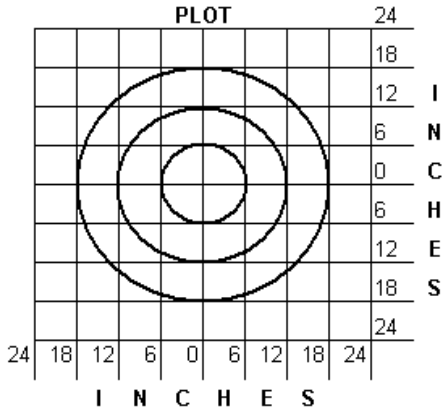
1ST STRING



2ND STRING



3RD STRING



SIGHT SETTINGS FOR SECOND STRING

FRONT SIGHT ELEV	WIND
2 ↑	8 R
____ ↓	____ L

SIGHT SETTINGS FOR THIRD STRING

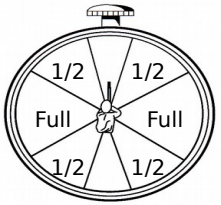
FRONT SIGHT ELEV	WIND
____ ↑	____ R
____ ↓	____ L

AFTER FIRING

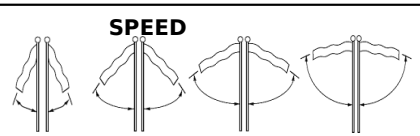
ZERO without WIND = TRUE ZERO

FRONT ELEVATION	REAR ELEVATION	WIND
____ ↑	M16A2	____ R
	8/3+ ____	
	8/3- ____	
____ ↓	M16A4/M4	____ L
	6/3+ ____	
	6/3- ____	

DIRECTION



SPEED



	VALUE	5 MPH	10 MPH	15 MPH	20 MPH
SERVICE RIFLE	FULL	2	3	5	6
	HALF	1	1	2	3
CARBINE	FULL	2	4	7	9
	HALF	1	2	4	5

FRONT ELEVATION	REAR ELEVATION	WIND
____ ↑	M16A2	____ R
	8/3+ ____	
	8/3- ____	
____ ↓	M16A4/M4	____ L
	6/3+ ____	
	6/3- ____	

******WINDAGE AND ELEVATION ADJUSTMENTS AT 200 yds:**
CLICK = 1”

REAR SIGHT ELEVATION: M16A2 - 1 CLICK = 2”; M16A4/M4 - 1 CLICK = 1”

FRONT SIGHT ELEVATION: M16A2/A4 - 1 CLICK= 2 1/2”; M4 - 1 CLICK = 2 3/4”

WINDAGE: 1

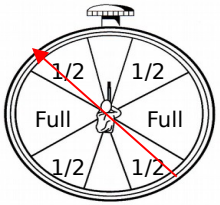
DAY 1 TABLE 1

BEFORE FIRING — 200 - YARD TRI-FIRE — SITTING

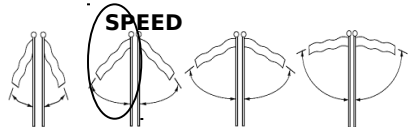
TRUE ZERO plus WIND = ZERO

FRONT ELEVATION	REAR ELEVATION	WIND
0 ↑	M16A2	0 R
	8/3+ ____	
	8/3- 2	
____ ↓	M16A4/M4	____ L
	6/3+ ____	
	6/3- ____	

DIRECTION



SPEED

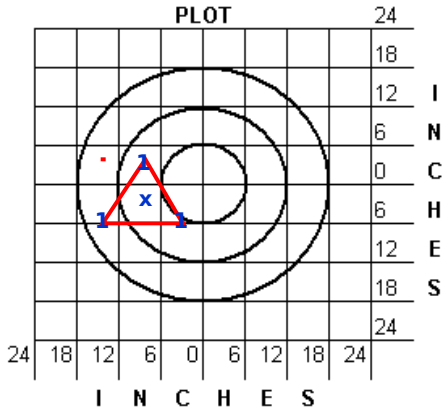


	VALUE	5 MPH	10 MPH	15 MPH	20 MPH
SERVICE RIFLE	FULL	2	3	5	6
	HALF	1	1	2	3
CARBINE	FULL	2	4	7	9
	HALF	1	2	4	5

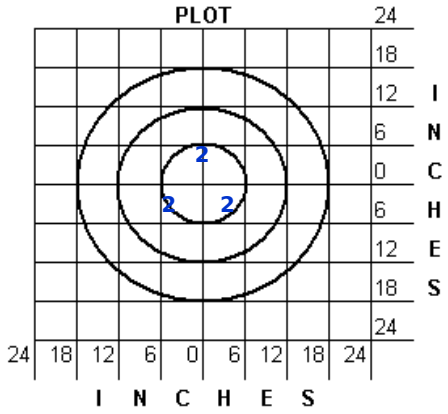
FRONT ELEVATION	REAR ELEVATION	WIND
0 ↑	M16A2	1 R
	8/3+ ____	
	8/3- 2	
____ ↓	M16A4/M4	____ L
	6/3+ ____	
	6/3- ____	

DURING FIRING

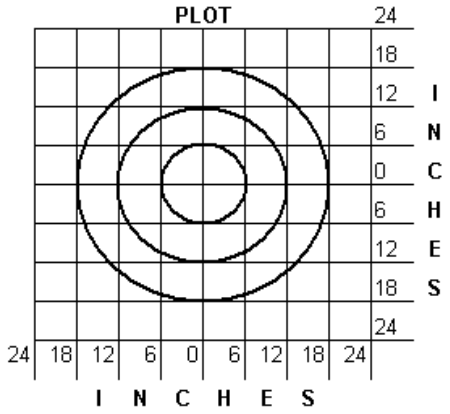
1ST STRING



2ND STRING



3RD STRING



SIGHT SETTINGS FOR SECOND STRING

FRONT SIGHT ELEV	WIND
2 ↑	8 R
____ ↓	____ L

SIGHT SETTINGS FOR THIRD STRING

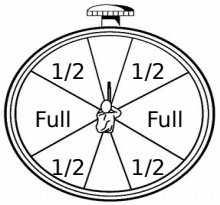
FRONT SIGHT ELEV	WIND
2 ↑	8 R
____ ↓	____ L

AFTER FIRING

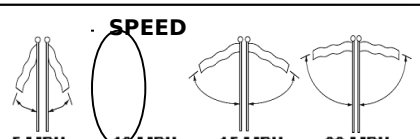
ZERO without WIND = TRUE ZERO

FRONT ELEVATION	REAR ELEVATION	WIND
____ ↑	M16A2	____ R
	8/3+ ____	
	8/3- ____	
____ ↓	M16A4/M4	____ L
	6/3+ ____	
	6/3- ____	

DIRECTION



SPEED



	VALUE	5 MPH	10 MPH	15 MPH	20 MPH
SERVICE RIFLE	FULL	2	3	5	6
	HALF	1	1	2	3
CARBINE	FULL	2	4	7	9
	HALF	1	2	4	5

FRONT ELEVATION	REAR ELEVATION	WIND
____ ↑	M16A2	____ R
	8/3+ ____	
	8/3- ____	
____ ↓	M16A4/M4	____ L
	6/3+ ____	
	6/3- ____	

******WINDAGE AND ELEVATION ADJUSTMENTS AT 200 yds:**

REAR SIGHT ELEVATION: M16A2 - 1 CLICK = 2"; M16A4/M4 - 1 CLICK = 1"

WINDAGE: 1 CLICK = 1"

FRONT SIGHT ELEVATION: M16A2/A4 - 1 CLICK= 2 1/2"; M4 - 1 CLICK = 2 3/4"

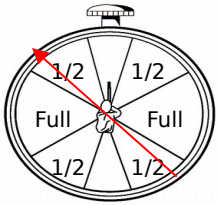
DAY 1 TABLE 1

BEFORE FIRING — 200 - YARD TRI-FIRE — SITTING

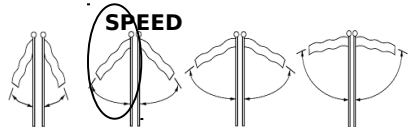
TRUE ZERO plus WIND = ZERO

FRONT ELEVATION	REAR ELEVATION	WIND
0 ↑	M16A2	0 R
	8/3+ ____	
	8/3- 2	
____ ↓	M16A4/M4	____ L
	6/3+ ____	
	6/3- ____	

DIRECTION



SPEED

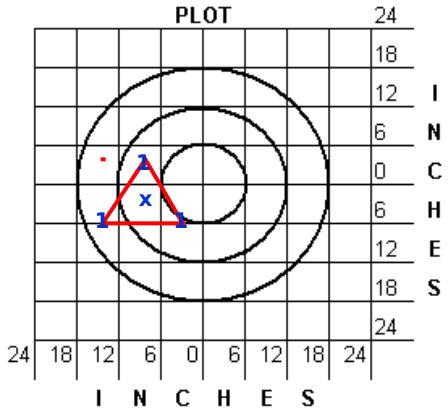


	VALUE	5 MPH	10 MPH	15 MPH	20 MPH
SERVICE RIFLE	FULL	2	3	5	6
	HALF	1	1	2	3
CARBINE	FULL	2	4	7	9
	HALF	1	2	4	5

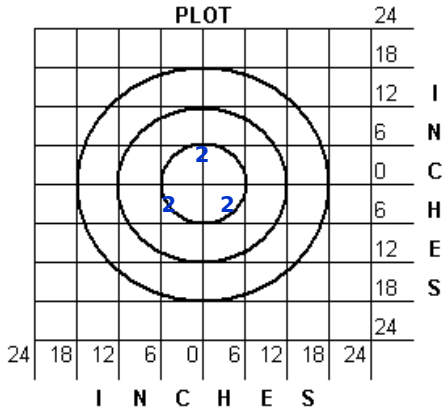
FRONT ELEVATION	REAR ELEVATION	WIND
0 ↑	M16A2	1 R
	8/3+ ____	
	8/3- 2	
____ ↓	M16A4/M4	____ L
	6/3+ ____	
	6/3- ____	

DURING FIRING

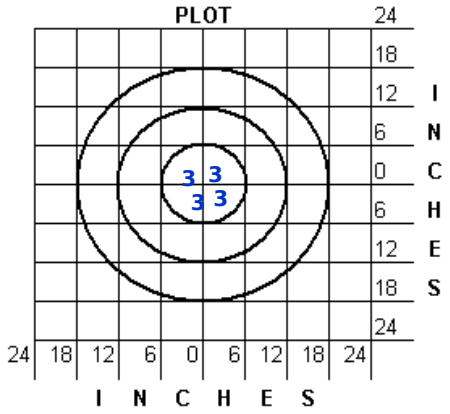
1ST STRING



2ND STRING



3RD STRING



SIGHT SETTINGS FOR SECOND STRING

FRONT SIGHT ELEV	WIND
2 ↑	8 R
____ ↓	____ L

SIGHT SETTINGS FOR THIRD STRING

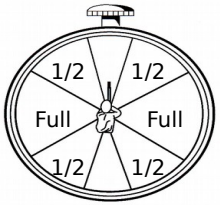
FRONT SIGHT ELEV	WIND
2 ↑	8 R
____ ↓	____ L

AFTER FIRING

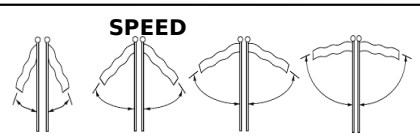
ZERO without WIND = TRUE ZERO

FRONT ELEVATION	REAR ELEVATION	WIND
____ ↑	M16A2	____ R
	8/3+ ____	
	8/3- ____	
____ ↓	M16A4/M4	____ L
	6/3+ ____	
	6/3- ____	

DIRECTION



SPEED



	VALUE	5 MPH	10 MPH	15 MPH	20 MPH
SERVICE RIFLE	FULL	2	3	5	6
	HALF	1	1	2	3
CARBINE	FULL	2	4	7	9
	HALF	1	2	4	5

FRONT ELEVATION	REAR ELEVATION	WIND
____ ↑	M16A2	____ R
	8/3+ ____	
	8/3- ____	
____ ↓	M16A4/M4	____ L
	6/3+ ____	
	6/3- ____	

******WINDAGE AND ELEVATION ADJUSTMENTS AT 200 yds:**
CLICK = 1”

REAR SIGHT ELEVATION: M16A2 - 1 CLICK = 2”; M16A4/M4 - 1 CLICK = 1”

FRONT SIGHT ELEVATION: M16A2/A4 - 1 CLICK= 2 1/2”; M4 - 1 CLICK = 2 3/4”

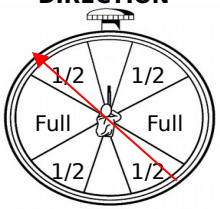
WINDAGE: 1

DAY 1 TABLE 1

BEFORE FIRING — 200 - YARD TRI-FIRE — SITTING

TRUE ZERO plus WIND = ZERO

FRONT ELEVATION	REAR ELEVATION	WIND
0 ↑	M16A2	0 R
	8/3+ ____	
	8/3- 2	
____ ↓	M16A4/M4	____ L
	6/3+ ____	
	6/3- ____	

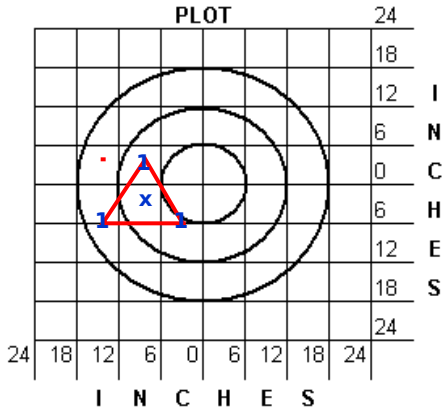


	VALUE	5 MPH	10 MPH	15 MPH	20 MPH
SERVICE RIFLE	FULL	2	3	5	6
	HALF	1	1	2	3
CARBINE	FULL	2	4	7	9
	HALF	1	2	4	5

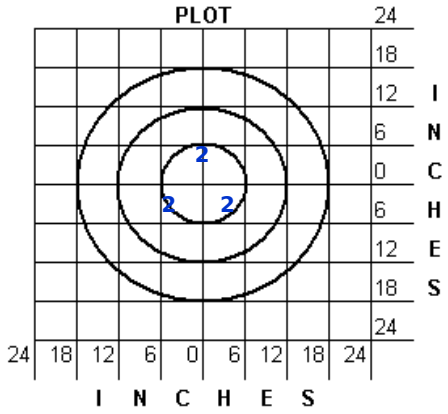
FRONT ELEVATION	REAR ELEVATION	WIND
0 ↑	M16A2	1 R
	8/3+ ____	
	8/3- 2	
____ ↓	M16A4/M4	____ L
	6/3+ ____	
	6/3- ____	

DURING FIRING

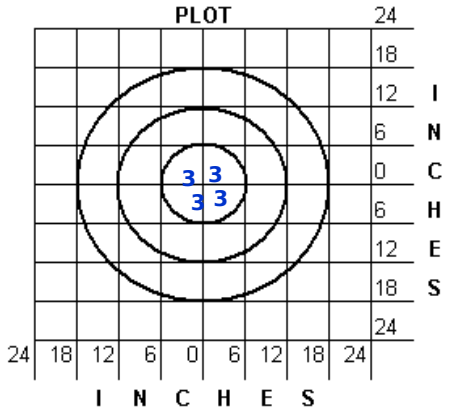
1ST STRING



2ND STRING



3RD STRING



SIGHT SETTINGS FOR SECOND STRING

FRONT SIGHT ELEV	WIND
2 ↑	8 R
____ ↓	____ L

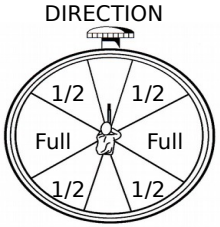
SIGHT SETTINGS FOR THIRD STRING

FRONT SIGHT ELEV	WIND
2 ↑	8 R
____ ↓	____ L

AFTER FIRING

ZERO without WIND = TRUE ZERO

FRONT ELEVATION	REAR ELEVATION	WIND
2 ↑	M16A2	8 R
	8/3+ ____	
	8/3- 2	
____ ↓	M16A4/M4	____ L
	6/3+ ____	
	6/3- ____	



	VALUE	5 MPH	10 MPH	15 MPH	20 MPH
SERVICE RIFLE	FULL	2	3	5	6
	HALF	1	1	2	3
CARBINE	FULL	2	4	7	9
	HALF	1	2	4	5

FRONT ELEVATION	REAR ELEVATION	WIND
____ ↑	M16A2	____ R
	8/3+ ____	
	8/3- ____	
____ ↓	M16A4/M4	____ L
	6/3+ ____	
	6/3- ____	

******WINDAGE AND ELEVATION ADJUSTMENTS AT 200 yds: CLICK = 1”**

REAR SIGHT ELEVATION: M16A2 - 1 CLICK = 2”; M16A4/M4 - 1 CLICK = 1”

FRONT SIGHT ELEVATION: M16A2/A4 - 1 CLICK= 2 1/2”; M4 - 1 CLICK = 2 3/4”

WINDAGE: 1

DAY 1 TABLE 1

BEFORE FIRING — 200 - YARD TRI-FIRE — SITTING

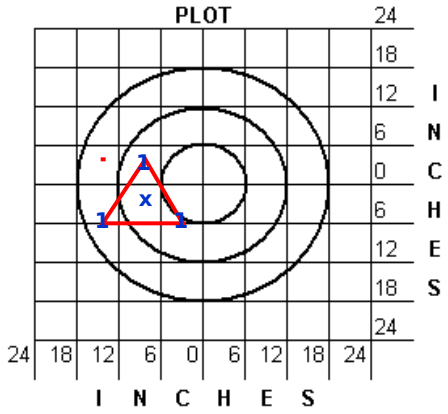
TRUE ZERO plus WIND = ZERO

TRUE ZERO FRONT ELEVATION	TRUE ZERO REAR ELEVATION	TRUE ZERO WIND	WIND DIRECTION	WIND SPEED	ZERO FRONT ELEVATION	ZERO REAR ELEVATION	ZERO WIND
0 ↑	M16A2 8/3+ ____ 8/3- 2	0 R	1/2, 1/2, Full, Full, 1/2, 1/2		0 ↑	M16A2 8/3+ ____ 8/3- 2	1 R
____ ↓	M16A4/M4 6/3+ ____ 6/3- ____	____ L			____ ↓	M16A4/M4 6/3+ ____ 6/3- ____	____ L

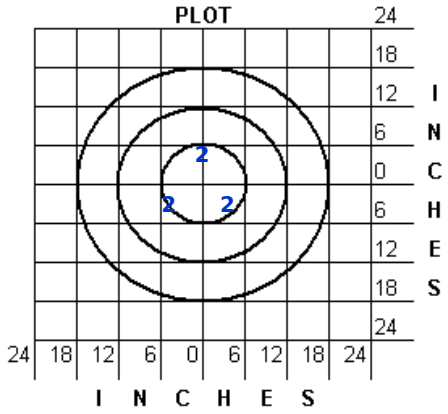
	VALUE	5 MPH	10 MPH	15 MPH	20 MPH
SERVICE RIFLE	FULL	2	3	5	6
	HALF	1	1	2	3
CARBINE	FULL	2	4	7	9
	HALF	1	2	4	5

DURING FIRING

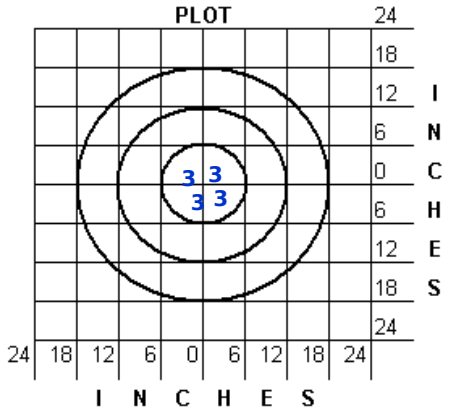
1ST STRING



2ND STRING



3RD STRING



SIGHT SETTINGS FOR SECOND STRING

FRONT SIGHT ELEV	WIND
2 ↑	8 R
____ ↓	____ L

SIGHT SETTINGS FOR THIRD STRING

FRONT SIGHT ELEV	WIND
2 ↑	8 R
____ ↓	____ L

AFTER FIRING

ZERO without WIND = TRUE ZERO

ZERO FRONT ELEVATION	ZERO REAR ELEVATION	ZERO WIND	WIND DIRECTION	WIND SPEED	TRUE ZERO FRONT ELEVATION	TRUE ZERO REAR ELEVATION	TRUE ZERO WIND
2 ↑	M16A2 8/3+ ____ 8/3- 2	8 R	1/2, 1/2, Full, Full, 1/2, 1/2		____ ↑	M16A2 8/3+ ____ 8/3- ____	____ R
____ ↓	M16A4/M4 6/3+ ____ 6/3- ____	____ L			____ ↓	M16A4/M4 6/3+ ____ 6/3- ____	____ L

	VALUE	5 MPH	10 MPH	15 MPH	20 MPH
SERVICE RIFLE	FULL	2	3	5	6
	HALF	1	1	2	3
CARBINE	FULL	2	4	7	9
	HALF	1	2	4	5

******WINDAGE AND ELEVATION ADJUSTMENTS AT 200 yds:**
CLICK = 1”

REAR SIGHT ELEVATION: M16A2 - 1 CLICK = 2”; M16A4/M4 - 1 CLICK = 1”

FRONT SIGHT ELEVATION: M16A2/A4 - 1 CLICK= 2 1/2”; M4 - 1 CLICK = 2 3/4”

WINDAGE: 1

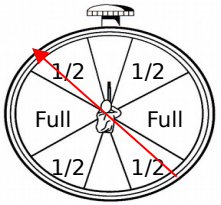
DAY 1 TABLE 1

BEFORE FIRING — 200 - YARD TRI-FIRE — SITTING

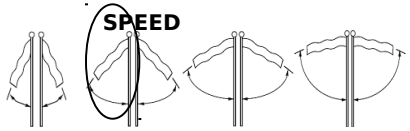
TRUE ZERO plus WIND = ZERO

FRONT ELEVATION	REAR ELEVATION	WIND
0	M16A2 8/3+ ____ 8/3- 2	0 R
____	M16A4/M4 6/3+ ____ 6/3- ____	____ L

DIRECTION



SPEED

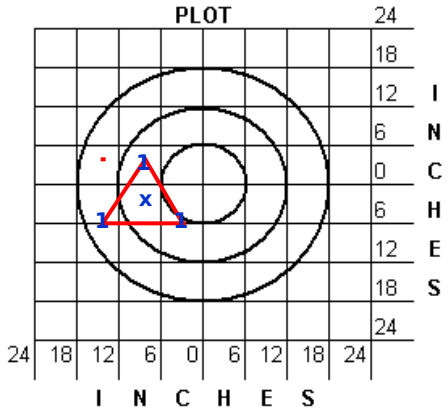


	VALUE	5 MPH	10 MPH	15 MPH	20 MPH
SERVICE RIFLE	FULL	2	3	5	6
	HALF	1	1	2	3
CARBINE	FULL	2	4	7	9
	HALF	1	2	4	5

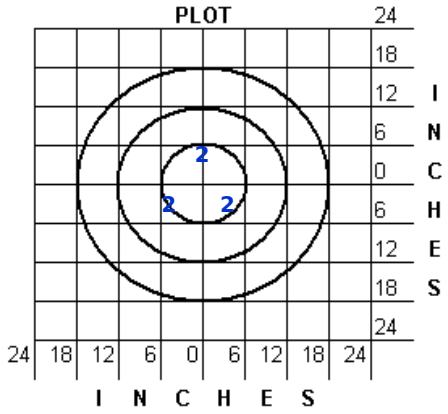
FRONT ELEVATION	REAR ELEVATION	WIND
0	M16A2 8/3+ ____ 8/3- 2	1 R
____	M16A4/M4 6/3+ ____ 6/3- ____	____ L

DURING FIRING

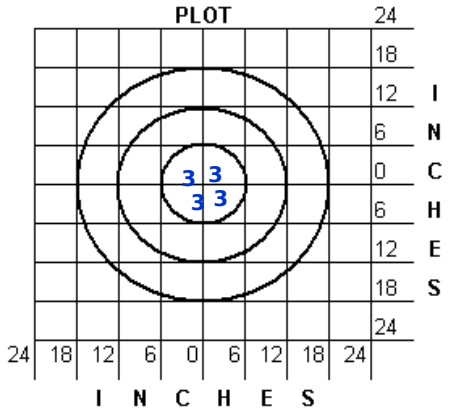
1ST STRING



2ND STRING



3RD STRING



SIGHT SETTINGS FOR SECOND STRING

FRONT SIGHT ELEV	WIND
2	8 R
____	____ L

SIGHT SETTINGS FOR THIRD STRING

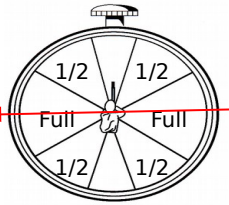
FRONT SIGHT ELEV	WIND
2	8 R
____	____ L

AFTER FIRING

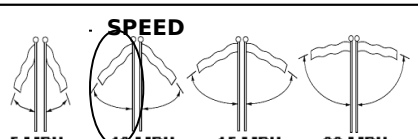
ZERO without WIND = TRUE ZERO

FRONT ELEVATION	REAR ELEVATION	WIND
2	M16A2 8/3+ ____ 8/3- 2	8 R
____	M16A4/M4 6/3+ ____ 6/3- ____	____ L

DIRECTION



SPEED



	VALUE	5 MPH	10 MPH	15 MPH	20 MPH
SERVICE RIFLE	FULL	2	3	5	6
	HALF	1	1	2	3
CARBINE	FULL	2	4	7	9
	HALF	1	2	4	5

FRONT ELEVATION	REAR ELEVATION	WIND
2	M16A2 8/3+ ____ 8/3- 2	5 R
____	M16A4/M4 6/3+ ____ 6/3- ____	____ L

******WINDAGE AND ELEVATION ADJUSTMENTS AT 200 yds:**
CLICK = 1”

REAR SIGHT ELEVATION: M16A2 - 1 CLICK = 2”; M16A4/M4 - 1 CLICK = 1”

FRONT SIGHT ELEVATION: M16A2/A4 - 1 CLICK= 2 1/2”; M4 - 1 CLICK = 2 3/4”

WINDAGE: 1

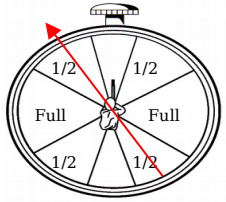
DAY 1 TABLE 1

BEFORE FIRING — 200- YARD SLOW FIRE — SITTING

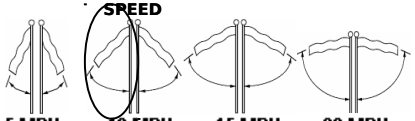
TRUE ZERO plus **WIND** = **ZERO**

FRONT ELEVATION	REAR ELEVATION	WIND
2 ↑	M16A2 8/3+ ____ 8/3- 2	1 R
____ ↓	M16A4/M4 6/3+ ____ 6/3- ____	____ L

DIRECTION



SPEED

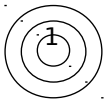
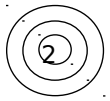
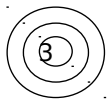
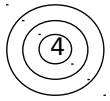
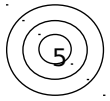


	VALUE	5 MPH	10 MPH	15 MPH	20 MPH
SERVICE RIFLE	FULL	2	3	5	6
	HALF	1	1	2	3
CARBINE	FULL	2	4	7	9
	HALF	1	2	4	5

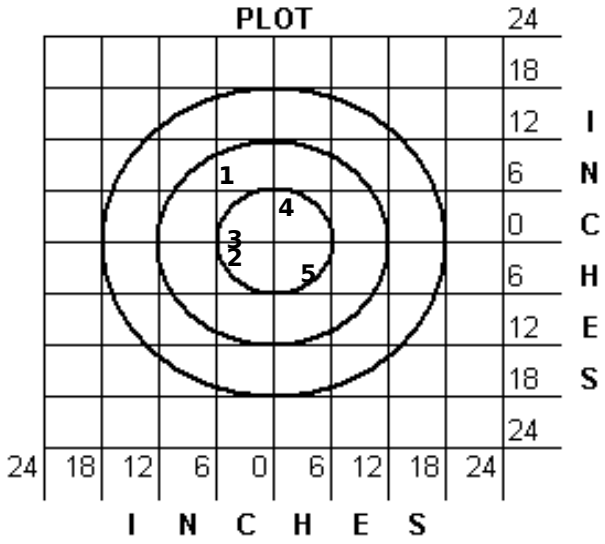
FRONT ELEVATION	REAR ELEVATION	WIND
2 ↑	M16A2 8/3+ ____ 8/3- 2	2 R
____ ↓	M16A4/M4 6/3+ ____ 6/3- ____	____ L

DURING FIRING

CALL

	1	2	3
			
ELEVATION			
WINDAGE		7 R	
	4	5	
			
ELEVATION			
WINDAGE			

PLOT



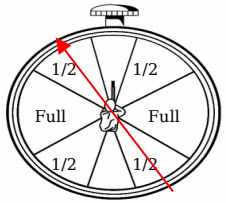
REMARKS

AFTER FIRING

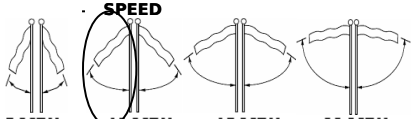
ZERO without **WIND** = **TRUE ZERO**

FRONT ELEVATION	REAR ELEVATION	WIND
2 ↑	M16A2 8/3+ ____ 8/3- 2	7 R
____ ↓	M16A4/M4 6/3+ ____ 6/3- ____	____ L

DIRECTION



SPEED



	VALUE	5 MPH	10 MPH	15 MPH	20 MPH
SERVICE RIFLE	FULL	2	3	5	6
	HALF	1	1	2	3
CARBINE	FULL	2	4	7	9
	HALF	1	2	4	5

FRONT ELEVATION	REAR ELEVATION	WIND
2 ↑	M16A2 8/3+ ____ 8/3- 2	6 R
____ ↓	M16A4/M4 6/3+ ____ 6/3- ____	____ L

******WINDAGE AND ELEVATION ADJUSTMENTS AT 200 yds:**

REAR SIGHT ELEVATION: M16A2 - 1 CLICK = 2”; M16A4/M4 - 1 CLICK = 1”

WINDAGE: 1 CLICK = 1”

FRONT SIGHT ELEVATION: M16A2/A4 - 1 CLICK= 2 1/2”; M4 - 1 CLICK = 2 3/4”

DAY 1 TABLE 1

BEFORE FIRING — TRUE ZERO

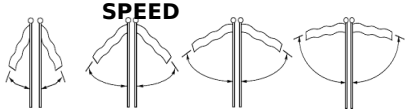
FRONT ELEVATION	REAR ELEVATION	WIND
____ ↑	M16A2 8/3+ ____ 8/3- ____	____ R
2 ↓	M16A4/M4 6/3+____ 6/3- ____	6 L

300-YARD RAPID FIRE

plus WIND =

DIRECTION

SPEED

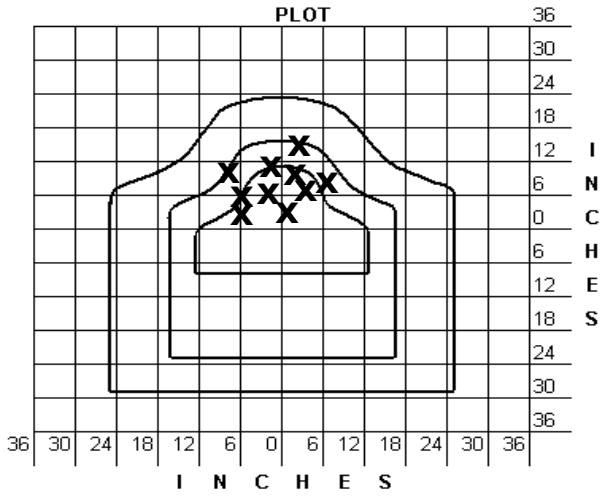


	VALUE	5 MPH	10 MPH	15 MPH	20 MPH
SERVICE RIFLE	FULL	3	6	10	13
	HALF	1	3	5	6
CARBINE	FULL	4	6	11	15
	HALF	2	3	6	8

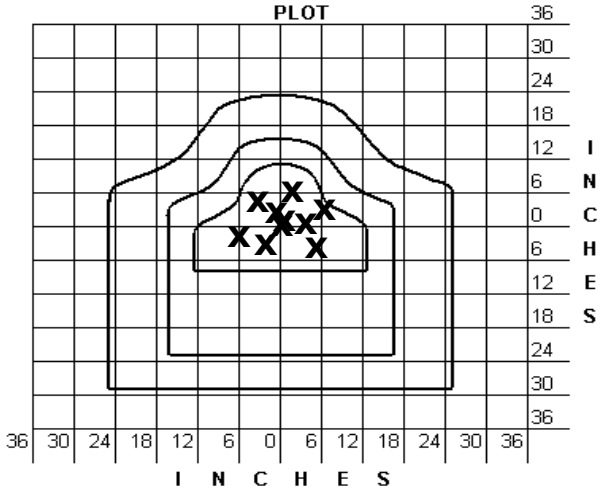
PRONE — ZERO

FRONT ELEVATION	REAR ELEVATION	WIND
____ ↑	M16A2 8/3+ ____ 8/3- ____	____ R
2 ↓	M16A4/M4 6/3+____ 6/3- ____	6 L

1ST STRING



2ND STRING



REMARKS

2ND STRING ZERO

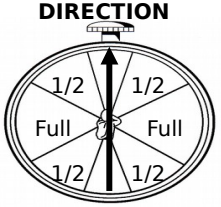
FRONT ELEVATION	REAR ELEVATION	WIND
____ ↑	M16A2 8/3+ ____ 8/3- ____	____ R
4 ↓	M16A4/M4 6/3+____ 6/3- ____	6 L

AFTER FIRING — ZERO

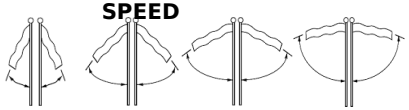
FRONT ELEVATION	REAR ELEVATION	WIND
____ ↑	M16A2 8/3+ ____ 8/3- ____	____ R
4 ↓	M16A4/M4 6/3+____ 6/3- ____	6 L

without WIND =

DIRECTION



SPEED



	VALUE	5 MPH	10 MPH	15 MPH	20 MPH
SERVICE RIFLE	FULL	3	6	10	13
	HALF	1	3	5	6
CARBINE	FULL	4	6	11	15
	HALF	2	3	6	8

AFTER FIRING — TRUE ZERO

FRONT ELEVATION	REAR ELEVATION	WIND
____ ↑	M16A2 8/3+ ____ 8/3- ____	____ R
4 ↓	M16A4/M4 6/3+____ 6/3- ____	6 L

****WINDAGE AND ELEVATION ADJUSTMENTS AT 300 yds: REAR SIGHT ELEVATION: M16A2 - 1 CLICK = 3"; M16A4/M4 - 1 CLICK = 1 1/2" WINDAGE: 1 CLICK = 1 1/2"

FRONT SIGHT ELEVATION: M16A2/A4 - 1 CLICK= 3 3/4"; M4 - 1 CLICK= 4 1/8"